

Steam Electric ELG Reconsideration Rule:

Analysis of Flue Gas Desulfurization (FGD) Wastewater

Purpose: The purpose of this memorandum is to get a decision on whether to revise the 2020 Steam Electric Rule. This memorandum presents (b) (5)

Summary: OST staff compiled relevant information on the 64 coal-fired power plants with wet FGD that existed as of the 2020 rule and (b) (5)

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BOX 1 – Pollutant Types

Non-Salt Pollutants: these are pollutants treated by chemical precipitation plus biological treatment and include toxic/priority pollutants (mercury, arsenic, lead, etc.), nutrients (nitrogen and phosphorus), and inorganic unconventional pollutants (e.g., molybdenum).

Salt Pollutants: these are pollutants present in an ionic form that cannot be treated with chemical precipitation plus biological treatment (halogens, calcium, sodium, etc).

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¹ Note that this is also the date under 423.19(h) that facilities will have to file a notice of planned participation in the voluntary incentives program's membrane-based limits, (b) (5)

Information Compilation

OST compiled a list of the 64 coal-fired power plants (b) (5)

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Analysis

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